低密度脂蛋白受体的诱导降解蛋白抗

产品货号： mlR-9674

英文名称： MYLIP

中文名称： 低密度脂蛋白受体的诱导降解蛋白抗体

别　　名： BZF1; E3 ubiquitin protein ligase MYLIP; E3 ubiquitin-protein ligase MYLIP; Idol; Inducible degrader of the LDL-receptor; Idol; MIR; MYLIP; MYLIP_HUMAN; Myosin regulatory light chain interacting protein.

研究领域： 心血管　细胞生物　信号转导　细胞周期蛋白　细胞骨架　表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Horse, Rabbit,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:50-200 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量： 49kDa

细胞定位： 细胞浆

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human MYLIP:51-150

亚　　型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed： PubMed

产品介绍： **background:**

E3 ubiquitin-protein ligase that mediates ubiquitination and subsequent proteasomal degradation of myosin regulatory light chain (MRLC), LDLR, VLDLR and LRP8. Proteasomal degradation of MRLC leads to inhibit neurite outgrowth in presence of NGF by counteracting the stabilization of MRLC by saposin-like protein (CNPY2/MSAP) and reducing CNPY2-stimulated neurite outgrowth. Acts as a sterol-dependent inhibitor of cellular cholesterol uptake by mediating ubiquitination and subsequent degradation of LDLR.

Function:

E3 ubiquitin-protein ligase that mediates ubiquitination and subsequent proteasomal degradation of myosin regulatory light chain (MRLC), LDLR, VLDLR and LRP8. Proteasomal degradation of MRLC leads to inhibit neurite outgrowth in presence of NGF by counteracting the stabilization of MRLC by saposin-like protein (CNPY2/MSAP) and reducing CNPY2-stimulated neurite outgrowth. Acts as a sterol-dependent inhibitor of cellular cholesterol uptake by mediating ubiquitination and subsequent degradation of LDLR.

Subunit:

Interacts with myosin regulatory light chain (MRLC) and TMEM4.

Subcellular Location:

Cytoplasm.

Tissue Specificity:

Ubiquitously expressed.

Post-translational modifications:

Autoubiquitinated.

Similarity:

Contains 1 FERM domain.

Contains 1 RING-type zinc finger.

SWISS:

Q8WY64

Gene ID:

29116

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.